

20000226.qrp v01_n743.qrl.20000226

Date: Sat, 26 Feb 2000 19:03:03 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1743

QRP-L Digest 1743

Topics covered in this issue include:

- 1) [64188] HW-9 problem..help ??
by Ham <hduff@ica.net>
- 2) [64189] OT: TEK 485 Scope repair
by David Shalita <af389@lafn.org>
- 3) [64190] Re: LOOP Antenna Article from 1967.
by Bruce Muscolino <w6toy@erols.com>
- 4) [64191] Re: Gas pipe.cold water pipe,hot water pipe etc: SOLUTION!
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 5) [64192] OT: FS: CDs.
by "Vincent Ferme" <vferme@sprint.ca>
- 6) [64193] FOX: N1TP "Final Log." 2-25-00 - Tom in SW FL.
by tom palmer <n1tp@worldnet.att.net>
- 7) [64194] FOX: N1TP "Final Log." 2-25-00 - Tom in SW FL.
by tom palmer <n1tp@worldnet.att.net>
- 8) [64195] 42.5 Mhz crystal ?
by Rick McKee <kc8aon@juno.com>
- 9) [64196] Re:Head Copy?
by Ed Loranger <we6w@netzero.net>
- 10) [64197] HW-8 Dial Alignment
by Curt Milton <wb8yyy@yahoo.com>
- 11) [64198] heath paint
by K4NK@aol.com
- 12) [64199] SNAP Success
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 13) [64200] FOX: a few thoughts re Hunt #33 from N1TP - Tom in SW FL.
by tom palmer <n1tp@worldnet.att.net>
- 14) [64201] Re: QRP in USA and Elecraft K2 transceiver...
by "Mike Yetsko" <myetsko@insydesw.com>
- 15) [64202] HB: 2 TTL Chip Rig ID
by rex@ime.net (Rex Harper)
- 16) [64203] Re: QRP in USA and Elecraft K2 transceiver...
by Dave Sjolín <sjolin@swbell.net>
- 17) [64204] A Guide to Prototyping with SMT (Surface Mount Technology) - NOW
ONLINE
by "Luke Enriquez" <vk3em@hotmail.com>
- 18) [64205] Re: LOOP Antenna Article from 1967.
by "Carlos J. Caro" <cjcaro@nail.com>

- 19) [64206] Re: heath paint
by Ray Colbert <af852@rgfn.epcc.edu>
- 20) [64207] Re: SNAP Success
by "George Heron N2APB" <n2apb@erols.com>
- 21) [64208] Re: HW-8 Dial Alignment
by Wb8siw@aol.com
- 22) [64209] ARCI: AL7FS QRPp Certificate from ARCI - 202,300 miles per watt!!
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 23) [64210] fs: QRPp 40mtr Xtal Controlled Xmtr \$13.20ppd
by RLucch2098@aol.com
- 24) [64211] QSLing, Better Late than Never...
by QRP <qrp@email.com>
- 25) [64212] Re: ARCI: AL7FS QRPp Certificate from ARCI - 202,300 miles per watt!!
by radioham@home.com
- 26) [64213] Re: FOX: N1TP "Final Log." 2-25-00 - Tom in SW FL.
by "Paul R. Valko" <prvalko@oakland.edu>
- 27) [64214] ARRL CW DX -
by "Floyd Smithberg" <flydnq7x@primenet.com>
- 28) [64215] SW-40
by "Hal Schlotfeld" <kc0bdw@worldspy.net>
- 29) [64216] Re: OT: Funny reply to Cellphones
by SKIPNC90@aol.com
- 30) [64217] Re: HW-8 Dial Alignment
by "Steve & Anne Ray" <sbralr@worldnet.att.net>
- 31) [64218] Re: heath paint
by Dick Carroll <dixie@townsqsr.com>
- 32) [64219] Re: OT: Funny reply to Cellphones
by "Mike Yetsko" <myetsko@insydesw.com>
- 33) [64220] Re: QRP in USA and Elecraft K2 transceiver...
by "Mike Yetsko" <myetsko@insydesw.com>
- 34) [64221] Davco DR-30 Receivers
by david gauding <nf0r@slacc.com>
- 35) [64222] Re: HW-8 Dial Alignment.
by Ed Loranger <we6w@netzero.net>
- 36) [64223] Re: KITS: NorCal Surface Mount Transceiver
by dave.g0dja@psilink.co.uk (David J. Ackrill)
- 37) [64224] The ARMY Loop and Such
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 38) [64225] Re: heath paint
by "Michael Bower - N4NMR" <bowerm@ix.netcom.com>
- 39) [64226] West Virginia OTA QRP 20m
by KB8A0B@aol.com
- 40) [64227] Re: good cross needle meter for 6M?
by "Caitlyn M. Martin" <caitlyn@netferrets.net>
- 41) [64228] FT-7 WARC modification questions
by "Caitlyn M. Martin" <caitlyn@netferrets.net>
- 42) [64229] More HBX-2Q transceiver notes

by "AI2Q Alex" <ai2q@ispchannel.com>

43) [64230] Re: heath paint
by "John A. Evans - N0HJ" <jaevans@codenet.net>

44) [64231] Re: HW-8 Dial Alignment
by "Bob Tellefsen" <n6wg@earthlink.net>

45) [64232] Re: 1730 PROGRESS REPORT reminder: 17m "get together" today
by Macstein@aol.com

46) [64233] RE: More HBX-2Q transceiver notes
by "AI2Q Alex" <ai2q@ispchannel.com>

47) [64234] fyi solder station on sale
by "Terres Family" <terresfm@ncia.net>

48) [64235] Re: [Elecraft] Re: 1730 PROGRESS REPORT reminder: 17m "get together"
today
by "Rod, N0RC" <n0rc@yahoo.com>

49) [64236] Help: Single Diode DC detector
by "Cla KA0GKC" <ka0gkc@arrl.net>

50) [64237] FOX, Schedule change KQ5U/NOUR
by Jim NOUR <n0ur@yahoo.com>

51) [64238] ANTENNAS: Attn CALIFORNIA, VIRGINIA hams
by "Alan Kaul" <alan.kaul@worldnet.att.net>

52) [64239] Free ICs
by Larry East <w1hue@amsat.org>

53) [64240] Re: KITS: NorCal Surface Mount Transceiver
by "Michael Young" <mikey@mcs.com>

54) [64241] QRP-L NUMBER
by KB0R@aol.com

55) [64242]
by Larry Braden <lbraden@home.com>

56) [64243] RS Sale Alert
by "Michael Bower - N4NMR" <bowerm@ix.netcom.com>

57) [64244] Thanks
by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>

58) [64245] Furnace RFI
by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>

59) [64246] Tuna Tin
by Melvin K Best <kj5sp@parksbros.com>

60) [64247] WTB HW-9 small knob
by J38AL@aol.com

61) [64248] Lighted magnifier steal
by REDSBOY@aol.com

62) [64249] help needed to find part GM-10 project
by J38AL@aol.com

63) [64250] WTB: HW-8 Part
by billrobb@net-link.net

64) [64251] K2#300 Working at last!
by RAWSONDM@cs.com

65) [64252] [OT] 465b Scope Manual
by Macstein@aol.com

- 66) [64253] Re: heath paint
by K1DXradio@aol.com
67) [64254] W1FB QSO
by Bill Jones <kd7s@psnw.com>
68) [64255] W1FB on 40 mtrs
by Goemans <jgoemans@facstaff.wisc.edu>
69) [64256] Re: WTB: HW-8 Part
by Dick Carroll <dixie@townsqsr.com>

Date: Fri, 25 Feb 2000 19:25:38 -0500
From: Ham <hduff@ica.net>
To: qrp-l@lehigh.edu
Subject: [64188] HW-9 problem..help ??
Message-ID: <38B71D82.9087EA9F@ica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all.

A friend of mine has an HW-9 that has a peculiar problem.

Both RX and TX are suffering distortion. Incoming RX signals and the outgoing TX signal are distorted. I'm told that it used to work fine until he replaced the final

transistors. Not sure if something else was upset during the TX final repair job but

the rig now sounds sick. The finals were replaced with the proper MRF replacements.

We looked at the input DC power with a scope and it appears to be pretty clean.

We would like to hear from others who may have experienced this or may have some suggestions of what to look for. Something in the VFO, BFO, or

???

Thanks, Hugh VA3TO

Date: Fri, 25 Feb 2000 16:20:45 -0800
From: David Shalita <af389@lafn.org>
To: "Ham-Homebrew@ucsd.edu" <Ham-Homebrew@ucsd.edu>

Cc: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [64189] OT: TEK 485 Scope repair
Message-ID: <38B71C5D.F6A6FA47@lafn.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,

My QRP homebrew favorite test gear has failed.

Last week, my TEK 485 scope suddenly began having wildly varying brightness when started cold. Today, the scope won't start, panels lamps are all off, and I hear only a slow "tick tick" sound. Power Supply probably seeing a fault and shutting down repeatedly.

I am looking for a local place to repair,
local to San Fernando Valley, near Los Angeles.
Appreciate any recommendations.

Thank you for off topic bandwidth.
This scope is a GREAT piece of gear.
I am lost without my FAVORITE scope.
73, W6MIK

--

David Shalita (Dave)
af389@lafn.org
Van Nuys, CA

Date: Fri, 25 Feb 2000 19:48:35 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: we6w@qsl.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [64190] Re: LOOP Antenna Article from 1967.
Message-ID: <38B722E3.5E34@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ed,

A little closer to home, in the ham press, the same antenna was both described and then used as the subject of a test by the ARRL. I do not have the complete bibliography here but if coerced I could piece it together.

The performance of the Army Loop is touted as nothing less than great. The experimental results showed the antenna is VERY dependent upon tubing diameter (the larger the better), connection methods (welding recommended), and feedpoint capacitive matching.

Perhaps the best commercial examples are the AEA IsoLoop and the MFJ Loop. The AEA Probably had lower losses.

73

Date: Fri, 25 Feb 2000 19:17:24 -0600
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [64191] Re: Gas pipe.cold water pipe,hot water pipe etc: SOLUTION!
Message-ID: <006801bf7ff7\$40fc7600\$3928bcd0@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Perfect idea Ed!

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://home.swbell.net/aa5tb>
<http://home.swbell.net/aa5tb/loop.html>

> I kept waiting for someone to mention this but
> have to step in.
>
> An outstanding solution to the grounding problem
> is to use a .08 to .17 wavelength circumference
> SMALL Transmitting Loop.
>
>
> 72/Ed we6w

Date: Fri, 25 Feb 2000 20:19:19 -0500
From: "Vincent Ferme" <vferme@sprint.ca>
To: <qrp-l@lehigh.edu>
Subject: [64192] OT: FS: CDs.

Message-ID: <001901bf7ff7\$82733060\$b67b6395@vince>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hi Group,

I have the following CDs for sale, prices in US\$ and include shipping to the lower 48. Documentation, if any, is on the CD.

- 1)1997 QST Periodicals. \$17
- 2)QRZ vol. 12 . \$8
- 3)QRZ vol. 7. \$5
- 4)Electronics 2000 vol. 2. \$10
- 5)Linux Mandrake v7 . \$5
- 6)Corel Linux . \$5
- 7)Borland Delphi Desktop v2. \$10
- 8)Great Web Arts&Tools. \$5
- 9)Web Clip Collection 25,000. \$5
- 10)Windows CICA Collection Aug/96-2CDs. \$5

Thanks and 73.

Vince, VA3VF.

Date: Fri, 25 Feb 2000 21:04:08 -0500
From: tom palmer <n1tp@worldnet.att.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [64193] FOX: N1TP "Final Log." 2-25-00 - Tom in SW FL.
Message-ID: <38B73498.48A752C8@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

All QSO's were on 7.041.20. from 0200 to 0400, Friday, 2-25-00.

TIME	Call	URrst	FoxRst	QTH	Name	QRP-L #
0200	N4ROA	579	579	VA	Dan	970
0201	AF4PS	569	559	FL	Mac	704
0202	K1VP	559	559	NH	Ed	1960
0203	AJ4Y	579	579	FL	Paul	1795
0205	N0DT	559	579	MO	Dan	1004
0207	K1JD	599	579	RI	John	1945

0208	K5ZTY	579	599	TX	Bill	473
0208	N5LU	559	559	OK	Bill	2009
0208	K5LN	559	559	TX	Bill	1794
0209	K0EVZ	559	559	ND	Doc	861
0210	N0EA	559	559	MO	Wayne	1058
0210	W0JOE	559	559	MO	Joe	1901
0211	KK5LD	559	559	TX	Dan	2052
0212	AF5Z	559	589	TX	Bob	984
0213	N0EHW	599	569	MO	Tim	2047
0214	N5TW	599	559	TX	Tom	1474
0215	N8IE	559	559	OH	Dan	1404
0216	W2XN	559	559	FL	Fred	1728
0217	N5EN	559	559	TX	Steve	2071
0218	WS4S	559	559	TN	Conrad	993
0220	K5AAR	599	559	OK	Don	1512
0223	K5DW	579	559	TX	Don	2083
0225	AE4Y	559	559	GA	Kent	1844
0226	WB8YYY	579	579	MD	Curt	2115
0228	W5TB	559	559	TX	Doc	673
0229	KU4AF	579	579	NC	John	987
0230	W5YR	549	559	TX	George	1373
0231	KQ4QO	599	559	FL	Mike	1244
0232	KB9IUA	559	559	IL	Kevin	384
0233	AE4Y	579	579	GA	Kent	1844
0235	N1LN	559	559	TX	Bruce	2049
0244	KQ5U	599	559	TX	Terry	1603
0247	W0CH	549	559	MO	Dave	618
0248	W0AR	559	569	MN	Scott	1455
0249	K5LN	599	559	TX	Bill	1794
0250	W0RSP	559	559	SD	Ade	661
0251	NV4V	559	559	KY	Pete	1721
0252	N5IW	579	569	TX	Dave	1718
0254	N9AW	599	559	WI	Jerry	1271
0256	K5JHP	579	559	TX	Bill	825
0257	W2APF	599	559	MA	Thaine	2062
0259	N2SMH	599	599	NJ	David	74
0300	WB8KQY	559	559	OH	Gary	446
0303	W5SB	599	559	TX	Bill	1279
0304	AF4PP	599	589	GA	Chuck	1785
0305	KC1FB	529	559	CT	Jim	29
0307	KF2PH	579	579	NY	Nick	13
0309	AE2T	559	559	NY	Al	1664
0312	VE1MT	559	579	NS	Layton	1448
0313	K8CV	559	559	MI	Walt	1935
0315	N5TW	559	559	TX	Tom	1474
0316	K5UP	539	559	OK	Glen	21
0320	N3YSI	599	579	PA	Paul	1035
0323	N9AW	539	559	WI	Jerry	1271

0327	N0EHW	559	559	MO	Tim	2047
0328	K4LL	589	599	KY	Len	5W
0329	N0TU	559	559	CO	Steve	911
0331	N5GJQ	569	559	LA	Mike	5W
0332	KD5CMN	579	559	TX	Mike	1328
0333	NQ7X	579	559	AZ	Floyd	343
0334	NK7M	539	339	AZ	Bob	271
0334	KI0II	559	559	CO	Ron	928
0336	N5UW	559	559	OK	Clif	478
0338	N7GS	579	599	MT	Mal	815
0339	K1MG	569	349	CA	Mike	614
0342	K5OI	579	559	NM	Tim	73
0343	N5EN	559	559	TX	Steve	2071
0344	KI0G	579	559	CO	Bob	239
0345	W0RW	579	599	CO	Paul	1284
0346	AA0ZZ	559	559	MN	Craig	1238
0347	KF7ET	559	559	OH	Cal	1862
0348	N5IB	559	559	LA	Jim	1913
0351	WE6W	559	559	CA	Ed	1068
0354	KU7Y	559	559	NV	Ron	17
0356	VE5RC	599	229	SK	Bruce	886
0359	AB7CE	569	559	MT	Roy	1494

72/73 Tom, N1TP. Naples, Florida QRP-L 1317

Date: Fri, 25 Feb 2000 21:09:16 -0500
 From: tom palmer <n1tp@worldnet.att.net>
 To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
 Subject: [64194] FOX: N1TP "Final Log." 2-25-00 - Tom in SW FL.
 Message-ID: <38B735CC.EAD173A6@worldnet.att.net>
 MIME-Version: 1.0
 Content-Type: text/plain; charset=us-ascii
 Content-Transfer-Encoding: 7bit

All QSO's were on 7.041.20. from 0200 to 0400, Friday, 2-25-00.

TIME	Call	UR1st	FoxRst	QTH	Name	QRP-L #
0200	N4ROA	579	579	VA	Dan	970
0201	AF4PS	569	559	FL	Mac	704
0202	K1VP	559	559	NH	Ed	1960
0203	AJ4Y	579	579	FL	Paul	1795
0205	N0DT	559	579	MO	Dan	1004
0207	K1JD	599	579	RI	John	1945
0208	K5ZTY	579	599	TX	Bill	473
0208	N5LU	559	559	OK	Bill	2009

0208	K5LN	559	559	TX	Bill	1794
0209	K0EVZ	559	559	ND	Doc	861
0210	N0EA	559	559	MO	Wayne	1058
0210	W0JOE	559	559	MO	Joe	1901
0211	KK5LD	559	559	TX	Dan	2052
0212	AF5Z	559	589	TX	Bob	984
0213	N0EHW	599	569	MO	Tim	2047
0214	N5TW	599	559	TX	Tom	1474
0215	N8IE	559	559	OH	Dan	1404
0216	W2XN	559	559	FL	Fred	1728
0217	N5EN	559	559	TX	Steve	2071
0218	WS4S	559	559	TN	Conrad	993
0220	K5AAR	599	559	OK	Don	1512
0223	K5DW	579	559	TX	Don	2083
0225	AE4Y	559	559	GA	Kent	1844
0226	WB8YYY	579	579	MD	Curt	2115
0228	W5TB	559	559	TX	Doc	673
0229	KU4AF	579	579	NC	John	987
0230	W5YR	549	559	TX	George	1373
0231	KQ4QO	599	559	FL	Mike	1244
0232	KB9IUA	559	559	IL	Kevin	384
0233	AE4Y	579	579	GA	Kent	1844
0235	N1LN	559	559	TX	Bruce	2049
0244	KQ5U	599	559	TX	Terry	1603
0247	W0CH	549	559	MO	Dave	618
0248	W0AR	559	569	MN	Scott	1455
0249	K5LN	599	559	TX	Bill	1794
0250	W0RSP	559	559	SD	Ade	661
0251	NV4V	559	559	KY	Pete	1721
0252	N5IW	579	569	TX	Dave	1718
0254	N9AW	599	559	WI	Jerry	1271
0256	K5JHP	579	559	TX	Bill	825
0257	W2APF	599	559	MA	Thaine	2062
0259	N2SMH	599	599	NJ	David	74
0300	WB8KQY	559	559	OH	Gary	446
0303	W5SB	599	559	TX	Bill	1279
0304	AF4PP	599	589	GA	Chuck	1785
0305	KC1FB	529	559	CT	Jim	29
0307	KF2PH	579	579	NY	Nick	13
0309	AE2T	559	559	NY	Al	1664
0312	VE1MT	559	579	NS	Layton	1448
0313	K8CV	559	559	MI	Walt	1935
0316	K5UP	539	559	OK	Glen	21
0320	N3YSI	599	579	PA	Paul	1035
0323	N9AW	539	559	WI	Jerry	1271
0327	N0EHW	559	559	MO	Tim	2047
0328	K4LL	589	599	KY	Len	5W
0329	N0TU	559	559	CO	Steve	911

0331	N5GJQ	569	559	LA	Mike	5W
0332	KD5CMN	579	559	TX	Mike	1328
0333	NQ7X	579	559	AZ	Floyd	343
0334	NK7M	539	339	AZ	Bob	271
0334	KI0II	559	559	CO	Ron	928
0336	N5UW	559	559	OK	Clif	478
0338	N7GS	579	599	MT	Mal	815
0339	K1MG	569	349	CA	Mike	614
0342	K50I	579	559	NM	Tim	73
0343	N5EN	559	559	TX	Steve	2071
0344	KI0G	579	559	CO	Bob	239
0345	W0RW	579	599	CO	Paul	1284
0346	AA0ZZ	559	559	MN	Craig	1238
0347	KF7ET	559	559	OH	Cal	1862
0348	N5IB	559	559	LA	Jim	1913
0351	WE6W	559	559	CA	Ed	1068
0354	KU7Y	559	559	NV	Ron	17
0356	VE5RC	599	229	SK	Bruce	886
0359	AB7CE	569	559	MT	Roy	1494

72/73 Tom, N1TP. Naples, Florida QRP-L 1317

 Date: Fri, 25 Feb 2000 21:04:38 EST
 From: Rick McKee <kc8aon@juno.com>
 To: qrp-l@Lehigh.EDU
 Subject: [64195] 42.5 Mhz crystal ?
 Message-ID: <20000225.210443.4391.3.kc8aon@juno.com>

Someone on the list thought they had a 42.5 Mhz crystal - just wondering what they found ?

73...Rick McKee KC8AON { CW lives as long as I do ! }
 Willow Wood, Ohio "oo's"
 AR QRP # 269 QRP-L # 2112 ZOMBIE # 718 FPqrp # 33
 TriState BrassPounders # 1

 YOU'RE PAYING TOO MUCH FOR THE INTERNET!
 Juno now offers FREE Internet Access!
 Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Fri, 25 Feb 2000 18:13:13 -0800

From: Ed Loranger <we6w@netzero.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [64196] Re:Head Copy?
Message-ID: <38B736B8.8F4C5470@netzero.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ok, hold onto your hats.....

Previously posted:

>>In the 1920's my old man (a Royal Australian Navy Telegraphist) used

>>to go to the WC (john) at Victoria Barracks, Melbourne and could copy
>>outgoing messages from the Navy's high power spark gap transmitter
from
>>the seat of the pan.

Are you ready?

Yes, an obvious early example of "Head Copy".

Hohohohohohohoh! -Ed.

(For the uninitiated, the navy restrooms/Water Closet is referred to a
Head.)

Oh so sorry....LOL.

--
72/Ed we6w; A-1 OP; SOC#63; QRPL#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI#64 ARCI#9397 ARS#275 NC#2227

Date: Fri, 25 Feb 2000 18:25:26 -0800 (PST)
From: Curt Milton <wb8yyy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [64197] HW-8 Dial Alignment
Message-ID: <20000226022526.28143.qmail@web2002.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I am having a fit trying to align the dial on this
relic! The little cap on the tuning cap is very

sensitive as it does not take much to move things 10's of kHz. And when i get it close to the right setting, my VFO stops oscillating! I am just trying to get the first 50 KHz aligned reasonably. The coil is a little more reasonable to adjust. Has anyone installed a separate trimmer cap in parallel instead of using the screw compression cap on the tuning cap. All suggestions appreciated - meanwhile i will have to "cheat" and calibrate using the main rig in the shack.

By the way, my HW-8 seems to be stock - i picked it up several years ago at a hamfest with the little power supply for not much money. Has anyone replaced any of the vintage transistors to get a little more linearity? Well the DC receiver drives me crazy at times anyway so maybe i won't put too much sweat into this one.

thanks,

=====

Curt WB8YYY
Eldersburg, Maryland

<http://www.qsl.net/wb8yyy>
HW-8, 40m ugly weekender, 38S

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Fri, 25 Feb 2000 21:47:01 EST
From: K4NK@aol.com
To: qrp-l@lehigh.edu
Subject: [64198] heath paint
Message-ID: <90.128c7ad.25e898a5@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hello Gang;

I have seen ads for Heathkit Green paint before, But I have a HW-9 and the covers need repainting , anybody have a clue where I can get this heath

brown? Thanks.

Les K4NK
ARCI Club Historian and Past President

Date: Fri, 25 Feb 2000 21:52:33 -0500
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "njqrp@njqrp.org" <njqrp@njqrp.org>, "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [64199] SNAP Success
Message-ID: <38B73FF1.CB8CAD70@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I built up my Atlanticon SNAP QRPP Transmitter this evening. I used all stock components except for a larger wattage R3 (No magic here, I dropped the original under the work bench). Output looks like about 14.6 mW. Interesting observation to watch the power level rise over the first minute or so. I guess even solid state stuff has to "warm up".

C'mon guys...melt some solder and post your milliwatts.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Fri, 25 Feb 2000 21:53:59 -0500
From: tom palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-1@Lehigh.EDU>
Subject: [64200] FOX: a few thoughts re Hunt #33 from N1TP - Tom in SW FL.
Message-ID: <38B74047.D197B8FA@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A few observations from N1TP re: Hunt #33:

1. It's best to request Hounds to call up AND down.
 - A. There were too many signals in too small a bandwidth.
 - B. No Hound could find a "clear spot" because the calling area bandwidth was too small for such a large pack of Hounds. One Hound e-mailed to me his observation that last night's Hunt produced the biggest pile-up of this season. For part the Hunt I heard either full quieting or alphabet soup - until a hound finally was able to punch through the pile-up. I even listened UP as far as 1.80 kHz once or twice and could still not find any Hound "standing alone."
 - C. The VAST majority of Hounds have about the exact same signal strength.
2. At least while there's a pile-up, don't reply to Hounds who are transmitting too close to the FOX's transmitting freq. Although once or twice during the Hunt I clearly heard a few call signs being transmitted to me only .30 to .40 kHz from my transmitting freq., I refrained from calling them because once the Fox moves "in close" it's all but impossible to move the pack "away" again.
3. There seems to be a tendency for Hounds to want to move "in close" to the Fox's transmitting freq. I believe not succumbing to a desire to want to reply to a Hound even if he's in "in too close" seems to have worked well in Hunt #33.
4. There was a pipe line into SW FL from the NE between 0257 and 0320. During that time my beam was pointing toward CA. I then worked the following areas "off the side": MA, NJ, CT, NY, NY, Nova Scotia, and PA. N3YSI, Paul, in PA., was the loudest Hound in the Hunt, and "off the side" to boot. AF4PP, Chuck in GA, also "pelted" in that time span.
5. The Hounds were VERY courteous. A few times I called a Hound and listened for his reply. I heard silence during those times as ALL Hounds were "standing by" as they seemed to understood I had called a particular Hound. That surprised me because in those instances I clearly heard the Hound I had called. I assume my transmitting freq. was not clear when I made those calls. Incidentally, each of those Hounds eventually got his pelt.

6. I heard many Hounds less well last evening than I have heard them when I'm listening to Hunts. Ditto for several Hounds vis-a-vis hearing my signal. Several Hounds have mentioned to me via e-mail that last evening was the worst they have heard my signal all season.
7. Hounds who ascertain on what frequency the Fox gave out his last pelt (or discern the Fox's pattern, if any) are the Hounds who get the pelts.
8. Finally, it's fun and educational to be a Fox. I don't believe it's possible to envision what it's like to be a Fox without having been a Fox. Some super QRPers in the group who have not been a Fox. I recommend each volunteer to be a Fox.

Cheers,

Tom, N1TP
Naples, Florida

QRP-L # 1317

Date: Fri, 25 Feb 2000 21:53:48 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <w1rfi@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [64201] Re: QRP in USA and Elecraft K2 transceiver...
Message-ID: <008401bf8004\$d9a113e0\$64b6fea9@dads-hp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've been trying to get to the Elecraft web page at www.elecraft.com all day and been unsuccessful. I wanted to order a K2...

Mike
N1DVJ

>hamjoel@juno.com wrote:

>

>> Look on the Elecraft k-2 web page and u can find all the numbers u
>>need... or look in the latest issue of QST... THEY DID a rigorous
>>evaluation of the rig.... in my opinion it is a classic little radio and
>>will go down as the standard to measure quality receivers...

>
>
>I do have a standing offer to my QRP-L friends who are not members or who
do
>not access to the Web that I will email them the large .pdf file that is
the
>K2 Expanded Test Result report. Email to w1rfi@arrl.org or w1rfi@arrl.net.
>
>As my sidebar in the Product Review summarized, this radio fared
>exceptionally well in its basic receiver performance. The one we tested
had
>dynamic range performance that was on a par with the best (and most
>expensive) radios tested for Product Review. While the big-gun radios do
>have a good combination of features and performance, I was very impressed
>that a radio in this price class could exhibit receiver performance that
>stands so proudly with the top-end radios.
>
>I will, btw, be using a K2 as one of the stations in the W1FB event this
>weekend. Still on schedule for 2300 UTC on 2/26 for the first scheduled
>QSOs, then on for a weekend of fun. KC1SX has volunteered to work the
>Novice/Tech+ bands, so we should have a total of as many as 5 bands up and
>running. A nice color certifi-cat featuring the Doug DeMaw Memorial
Station
>inaugural event will be sent out to ALL who participate. (I am having a
>ball, so the postage is on me!)

>
>I will check my email tomorrow and Sunday afternoon and send out any K2
>reports and arrange any skeds for those who need to sked the W1FB special
>event.
>
>73,
>Ed Hare, W1RFI
>
>
>
>

Date: Fri, 25 Feb 2000 22:10:41 -0500
From: rex@ime.net (Rex Harper)
To: qrp-l@lehigh.edu
Subject: [64202] HB: 2 TTL Chip Rig ID
Message-ID: <v01530500b4dcf44a9f56@[209.90.241.218]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Val,

Your rig sounds like one described in October, 1981 CQ Magazine "A Two-Chip C.W. Transmitter With A 7403 In The Final"although I am a little baffled how you could build it from this article 3 years before it was published..... Notwithstanding this apparant gap in the space-time continuum, your rig sounds like the one featured in this article. Your keying arrangement is slightly different but the transmitter circuit sounds the same. The 2 TTL chip transmitter is pretty generic and, as far as I know, has an unknown origin. Maybe there was an earlier description although I have not run across one. I just finished making my \$.02 worth of changes to this classic and stuffing it into a Zomboids tin. If you can't find that issue of CQ, let me know and I will E-you a schematic.

>I recently reserected a little rig I built back in 1978 and made one
>contact with it in Jan 79. I have long since lost all paperwork so don't
>have a clue what I have. I thought someone might be able to help. The rig
>is built around a 7400 IC and a 7403 IC. Xtal controlled on 40 mtr. I
>wound one coil that seems to be about 7.7 mh. There is a slug tuned coil
>in the output that I wound but am not sure of a value. A couple of
>resistors and 3 caps. I fed 12 volt across a dropping resistor to the key
>when closed sends 5 volts to the chips. I just tested it on the bench and
>it still works and produces 230 mw with the chips right at 5 volts. If
>anyone can clue me in a bit I would appreciate it and I would like to get
>copies of the article I took it from or at least some paperwork that
>originated in 77 or 78 at best guess. I don't think it was in QST but
>maybe '73 Mag,' all of which I don't have anymore.

>

>Thanks - Val Lindholm - KI0GQ - Breckendridge, Co

>

72,

Rex W1REX the Tinman "If I only had a brain....."

Date: Fri, 25 Feb 2000 21:05:04 -0600

From: Dave Sjolin <sjolin@swbell.net>

To: myetsko@insydesw.com

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [64203] Re: QRP in USA and Elecraft K2 transceiver...

Message-ID: <38B742E0.B8CF9ED3@swbell.net>

MIME-version: 1.0

Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Mike Yetsko wrote:

>

> I've been trying to get to the Elecraft web page at www.elecraft.com
> all day and been unsuccessful. I wanted to order a K2...

Mike, I was just there. Worked for me. 73 de Dave, N0IT

<http://www.elecraft.com/>

Date: Fri, 25 Feb 2000 19:07:39 PST
From: "Luke Enriquez" <vk3em@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [64204] A Guide to Prototyping with SMT (Surface Mount Technology) - NOW ONLINE
Message-ID: <20000226030739.40718.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hi People,

I've been off the list for a while, but got very excited at the news of a possible Norcal surface mount kit!

For those of who are interested, I have given a few presentations on prototyping with surface mount. This includes some very useful hints and tips.

You can browse to :

<http://www.geocities.com/vk3em/smtguide/smtguide.htm>

The article is available in both HTML and PDF. The HTML needs a little work on the formatting.

I would be very interested in any comments/suggestions, etc.

Regards,

Luke

VK3EM - Who builds (almost) EVERYTHING with SMT!

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Sat, 26 Feb 2000 03:25:06 -0000
From: "Carlos J. Caro" <cjcaro@nail.com>
To: <we6w@qsl.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [64205] Re: LOOP Antenna Article from 1967.
Message-ID: <001201bf8009\$14cffffe0\$4bd396d8@default>

Ed and all,

If this article is of interest, you might also want to look for a copy of the article in "73", Feb, 1968. Called the "Ferris Wheel Antenna" for 160 and 80 Mtrs. Used 2" down spout to make a 40 ft circumference antenna with a 17.5 to 70.7 % efficiency in the 2-4 MHz range. A smaller antenna for 4-7.3 MHz with a 26.2 ft circumference claimed a 41.3 to 74.5 % efficiency. Article also included Lo and Hi power matching networks.

Regards, Carlos
KB0REI, #1333

Date: Fri, 25 Feb 2000 20:57:53 -0700
From: Ray Colbert <af852@rgfn.epcc.edu>
To: K4NK@aol.com
Subject: [64206] Re: heath paint
Message-ID: <38B74F41.78721045@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

You might try this one which has Heath stuff, including paint - but not sure if the newer shades are available, but worth a try. <http://www2.southwind.net/~n0alo/>
73 and gl
Ray

--
"The more I see of the representatives of the people,
the more I admire my dogs."
letter from Count d'Orsay to John Foster 1850

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Fri, 25 Feb 2000 22:55:02 -0500
From: "George Heron N2APB" <n2apb@erols.com>
To: "NJQRP" <NJQRP@njqrp.org>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>, <tjarey@home.com>
Subject: [64207] Re: SNAP Success
Message-ID: <004401bf800d\$57f70580\$c059accf@ire.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

An interesting thing to observe (if you have an oscilloscope and/or spectrum analyzer) is the nice clean sinusoid waveform of the oscillator on the collector of Q1 in the stock SNAP design.

But if the tolerances of the transistor's biasing resistors are slightly off in the right direction, you get a little more voltage and current to the base and thus have greater signal on the output. The signal degrades and the transistor will also get warmer (as Skip noted) and this too will affect the power output. And the frequency stability.

One of the subtle-but-clever aspects of the SNAP design is simple balance of transistor biasing and output voltage swing ... Just above the magic area of 12 mW or so output power, the waveform starts to clip on the negative swings and the apparent power rises dramatically. But this also greatly increases the spurious signals getting toward the antenna. Although the low pass filter takes out most of the spurious signals, SNAP is designed to generate a clean signal at first and then process it, as opposed to generating a sloppy signal and then cleaning up afterwards. Nice design practice.

Moral of the story (actually for any design): TANSTAAFL (no free lunch)
There's usually a price to pay for extending the capabilities of a component, gain stage or oscillator tuning range, and the designer pays for it with rattier output signals, shorter component life, or less stable signals. The SNAP project is a simple illustration of these concepts and all builders of it are urged to experiment to find that optimum balance.

There still are plenty of optimizations and (legal) tricks for the SNAP building contest. And the field is *wide* open regarding the construction approach you take with the Manhattan-style technique. Who knows, perhaps you'll be the one coming away from Atlanticon with the winning prize of the RH40 transceiver kit under your arm.

The excitement is building for Atlanticon.

73, George N2APB
n2apb@amsat.org
Atlanticon web page: <http://www.njqrp.org/atlanticon/>

PS: For those tuning in late, the SNAP kit is a simple Manhattan-style QRPp transmitter kit being given to all those coming to the Atlanticon QRP Forum at the end of March. Besides a bunch of QRPers having fun building an easy and useful circuit Manhattan-style, there's a great opportunity for learning some basic principles along the way. And everyone is encouraged to bring along their SNAP circuits to Atlanticon and enter them in the Building Contest. Judging is in 3 categories: construction quality, power out, and frequency stability. Winner gets an RH40 transceiver, and there are many runner-up prizes.

PPS: If you're not able to come to Atlanticon, you can still build the SNAP transmitter and send it along by mail or with someone else to have it entered into the Building Contest in your name. Winners do not have to be present to collect their prize! Either build the circuit yourself from the soon-to-be-posted schematic, or you can order the complete set of "stock" parts from the NJQRP Club. See details at <http://www.njqrp.org/atlanticon/snap.html>

----- Original Message -----

From: T.J. "SKIP" Arey N2EI <tjarey@home.com>

I built up my Atlanticon SNAP QRPp Transmitter this evening. I used all stock components except for ... [snip]

Date: Fri, 25 Feb 2000 22:58:57 EST
From: Wb8siw@aol.com
To: wb8yyy@yahoo.com, qrp-1@lehigh.edu
Subject: [64208] Re: HW-8 Dial Alignment
Message-ID: <1c.1175fee.25e8a981@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

It has been quite a while since I calibrated the dial on an HW-8, however, I don't recall a trimmer cap. There is an inductor directly behind the variable cap which can be adjusted using an insulated alignment tool. Set your signal generator to the desired frequency and very carefully adjust the slug until the dial calibration is correct.....by the way, this adjustment is very sensitive.

Lacking a signal generator, simply run the HW-8 into a dummy load, key the transmitter, and adjust the slug until one can hear the signal at the correct frequency on a nearby monitor receiver (e.g. dial frequency and received

frequency match); remember, calibrate to the "high" side of zero beat.

73, Jim WB8SIW

Date: Fri, 25 Feb 2000 19:16:16 -0900
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>
Subject: [64209] ARCI: AL7FS QRPp Certificate from ARCI - 202,300 miles per watt!!
Message-ID: <38B75390.7E2179C9@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

AL7FS QRPp Certificate from ARCI - 202,300 miles per watt!!

I am not a paper chaser (last one was 2 meter WAS in 1981) but I finally couldn't resist, after all these years as a QRPer, applying for my 1000 Miles per Watt award. Many of you may have qualified but not sent for the certificate. If you want to see what the certificate looks like, check out the latest addition to my website. <http://www.qsl.net/al7fs/>

Steve, N4EUK, can answer your questions on this award. His email is radioham@erols.com
I suspect the information is on the QRP Amateur Radio Club International site at <http://www.qrparci.org/> but the server is down due to hackers just now. It should be up again soon.

With the nice openings on 10 meters, many 1000 mile per watt awards should be possible so go QRP...even QRPp and see what you can do. An OHR WM-2 QRP wattmeter makes QRPp fun. I was shocked and pleased with my 10 mW contact for my 202,300 miles per watt. You can be, too.

73, Jim

--
Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>
Anchorage, Alaska <mailto:al7fs@pobox.alaska.net>
ICQ 11022915 AK-QRP#3 SOC#3

Date: Fri, 25 Feb 2000 23:24:39 EST
From: RLucch2098@aol.com
To: qrp-1@lehigh.edu
Subject: [64210] fs: QRPp 40mtr Xtal Controlled Xmtr \$13.20ppd
Message-ID: <ae.1c3fef3.25e8af87@aol.com>

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Guys;

I have a few of these QRPP 40 meter transmitters that are all assembled and require just 12 vdc(or is it 9?), antenna and a crystal. I have no idea wat the power output will be because I do not a sensitive enough meter.

They have 3 transistors but some may vary a little. The output appears to have a toroid coil. all come with a schematic and are very nicely done. I found these many years ago at a Fest but I only need one. The last posting that I made was a few months back and sold a few then also.

Heres a picture if you guys wanna see it>>

QRPP 40 meter xmtr

<http://members.aol.com/rlucch2098/qrpp.jpg>

Price is \$13.20ppd Conus.

Thanks es 73....Rich WA2RQY (1961)

WA2RQY's "confusion Radio" Web-Page

[Http://members.aol.com/rlucch2098/index.html](http://members.aol.com/rlucch2098/index.html)

RLUCCH2098@aol.com

"Keep those heaters on"

Date: Fri, 25 Feb 2000 23:32:40 -0500 (EST)
From: QRP <qrp@email.com>
To: Postings QRP-L <qrp-l@Lehigh.EDU>
Subject: [64211] QSLing, Better Late than Never...
Message-ID: <379849206.951539560604.JavaMail.root@web14.mail.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I was just going through my old log books trying to catch up on some QSLing and noticed I had not yet returned JH2JEV's QSL from our February 1976 CW QS0. So, off to the "Buro" it goes - hopefully he or his heirs are still around...

WB0JNR

<http://www.rogerwendell.com>

-
--

FREE! The World's Best Email Address @email.com
Reserve your name now at <http://www.email.com>

Date: Fri, 25 Feb 2000 23:50:49 -0500
From: radioham@home.com
To: Jim Larsen AL7FS <al7fs@pobox.alaska.net>, "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>
Subject: [64212] Re: ARCI: AL7FS QRPp Certificate from ARCI - 202,300 miles per watt!!
Message-ID: <3.0.6.32.20000225235049.007a4db0@24.2.2.70>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks, Jim for the nice comments. One minor correction - I have changed ISPs, so any questions on the QRP ARCI awards program should be sent to me at radioham@home.com.

The award requests are flowing in. Keep them coming. Lots of records to break.

72/73,

Steve, N4EUK
QRP ARCI Awards Manager
<http://www.qrparci.org>

Date: Sat, 26 Feb 2000 01:01:01 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: tom palmer <n1tp@worldnet.att.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [64213] Re: FOX: N1TP "Final Log." 2-25-00 - Tom in SW FL.
Message-ID: <Pine.OSF.4.21.0002260100400.15156-100000@saturn3.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Tom,

Ya got that in Excel or Lotus 123 for me?

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics.
Visit the Virtual Ten*Tec Museum at:
<<http://www.acs.oakland.edu/~prvalko>>

Date: Fri, 25 Feb 2000 23:17:54 -0700
From: "Floyd Smithberg" <flydnq7x@primenet.com>
To: "QRP-L Message" <qrp-l@Lehigh.edu>
Subject: [64214] ARRL CW DX -
Message-ID: <000901bf8021\$6974c680\$a63584ce@primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

What a blast 10M was....but 15 and 20 weren't bad either....worked 14
Russians in succession on Sat evening.
and high point was working my fellow ScQRPion K7RE/C6. Picked up 5 new
ones...now 161. And couldn't
figure out if VP6BR was for real from Pitcairn, but found he was listed in
the on-line QRZ...Hope many of
you QRL QRPrs also joined in the fun. Results from a part-time, OT, S&Per
follow:...

BAND	QSOs	POINTS	COUNTRIES
40CW	2	6	2
20CW	51	153	26
15CW	70	210	42
10CW	138	414	56

	261	783	126

Final Score = 98,658 points
TS850 at 5W to 3el triband yagi and 40M extender at 40+'.....LogTR6.43
Floyd NQ7X Phoenix,AZ ScQRPion DM33uq

Date: Sat, 26 Feb 2000 01:00:19 -0600
From: "Hal Schlotfeld" <kc0bdw@worldspy.net>
To: <qrp-l@Lehigh.EDU>
Subject: [64215] SW-40
Message-ID: <001101bf8027\$2573f720\$5b996520@kc0bdw>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just thought I would tell everyone I just fixed my SW-40. It's alive, Alive I tell you.. I found a purpose for my broken MFJ tuner. I used it as a watt meter..

Gee.. built a ZM-2 and fix a SW-40 all in two weeks, whats next build a K-2?

I doubt that as the XYL would kill me for spending that much money. Only if she knew...

And for tomorrow afternoon (if its not too windy) an outdoor expedition to the backyard with the SW-40 and the ZM-2.. If anyone needs NE for WAS let me know and we'll see what we can do.

Hal
Bellevue, NE

Date: Sat, 26 Feb 2000 02:22:24 EST
From: SKIPNC90@aol.com
To: kd1yv@mindspring.com, qrp-1@lehigh.edu
Subject: [64216] Re: OT: Funny reply to Cellphones
Message-ID: <88.11c17f1.25e8d930@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 2/24/00 10:52:32 PM Central Standard Time,
kd1yv@mindspring.com writes:

<< Yeah, I saw her too. It shook me up so much that I dropped my electric shaver into my coffee cup, and when I let go of the stock market pages, they flew out the window :-)
--
>>
Hi Jim,

I saw this and couldn't stop laughing I hope everyone else found it funny too.
Just to show us there can be humor it what we write here.

73, Skip NC90

Date: Sat, 26 Feb 2000 07:52:19 -0500
From: "Steve & Anne Ray" <sbralr@worldnet.att.net>
To: <qrp-1@Lehigh.EDU>, <wb8yyy@yahoo.com>
Subject: [64217] Re: HW-8 Dial Alignment
Message-ID: <004e01bf8058\$55492e80\$a972fea9@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just got my dial close and then put together a DD-1 digital dial from, Oak Hill Research. See my article on Dale KB9JJA page <http://members.accessus.net/~dwentz/kb9jja/heathkit/> under HW-8 mods. I also wired the 4 pin power supply connector of the HW-8 to take the power to the DD-1 thru the on/off switch of the HW-8. It makes it really nice for operating now. I also use another DD-1 on my OHR 100A. No connection with OHR, just like the good products he makes.

72,

Steve Ray K4JPN ex K1VKW HW-101, HW-8, OHR-100A, SWL 30-40 and NC 38S
HeathKit fan
Warner Robins GA EM82fp

Date: Sat, 26 Feb 2000 07:26:30 -0800
From: Dick Carroll <dixie@townsqsr.com>
To: K4NK@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [64218] Re: heath paint
Message-ID: <38B7F0A6.EB8C194D@townsqsr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

K4NK@aol.com wrote:

>
> Hello Gang;
> I have seen ads for Heathkit Green paint before, But I have a HW-9 and the
> covers need repainting , anybody have a clue where I can get this heath
> brown?

Hi Hank,

As a matter of fact I have a can of it in my hand at this time. Here's what the label says:

R&R Designs
#141 Heath HW9 Cabinet Brown
Box Series Shake well!!
1-800-372-4287 orders only
1-800-655-4857 Tech line

The other can that I got with the HW9 station I purchased recently says:

#140 Heath HW9 Front Panel Dark Brown
Box Series (remaining info the same)

I have no idea what the stuff costs since it came with my HW9.

I find, on the back of the can, the notation:
Sherwin Williams
Diversified Brands Inc.
Solon OH 44139

Hope this helps

73, Dick W0EX

Date: Sat, 26 Feb 2000 10:13:20 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <SKIPNC90@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [64219] Re: OT: Funny reply to Cellphones
Message-ID: <007601bf806c\$b1a0ec40\$e692fea9@dads-hp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Be aware, it is illegal to shave while driving in MASS (True, not a funny!)

Mike

>In a message dated 2/24/00 10:52:32 PM Central Standard Time,
>kd1yv@mindspring.com writes:
>
><< Yeah, I saw her too. It shook me up so much that I dropped my electric

>shaver
> into my coffee cup, and when I let go of the stock market pages, they flew
>out
> the window :-)
> --
> >>
>Hi Jim,
>
> I saw this and couldn't stop laughing I hope everyone else found it funny
>too.
>Just to show us there can be humor it what we write here.
>
>73, Skip NC90
>

Date: Sat, 26 Feb 2000 10:16:45 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [64220] Re: QRP in USA and Elecraft K2 transceiver...
Message-ID: <007701bf806c\$b282c0c0\$e692fea9@dads-hp>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wow!! Amazing the response I got. Seven people sent me
personal emails, thanks. And all seemed like "can't wait" or
I'll have fun when I get mine! Gotta be a good unit.

AND I even got email from Elecraft...

I will call them monday and kill my credit card!

Mike

Date: Sat, 26 Feb 2000 09:37:53 -0600
From: david gauding <nf0r@slacc.com>
To: qrp-1@lehigh.edu
Subject: [64221] Davco DR-30 Receivers
Message-ID: <3.0.6.32.20000226093753.007ec210@bbs.galilei.com>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Howdy,

Wondering if there are any Davco DR-30 receiver owners on QRP-L?

de Dave, NF0R nf0r@slacc.com

Date: Sat, 26 Feb 2000 07:42:46 -0800
From: Ed Loranger <we6w@netzero.net>
To: Low Power Amateru Radio Discussion <qrp-l@lehigh.edu>
Subject: [64222] Re: HW-8 Dial Alignment.
Message-ID: <38B7F475.A17A5042@netzero.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Curt, I was very successful in calibrating my HW-8 (gone now in trade), and the secret was paying careful attention to the L/C ratio provided. Don't expect to set the trim at one end of the band and have the coil adjustment cover the other end. There are many, many combinations of capacitance and inductance that can tune the same frequency.

Save the capacitor for setting the high end of the band and use the inductor coil for the low end (or vice-versa, I can't quite recall).

After you set it, check the band coverage to see how close your 150 KHz tracks the dial. If it is off, try a full turn on the coil and retune. Check the range again. This time noting if it is a greater or lesser range than before. This gives you an idea whether you went the right way or not.

Then adjust your procedure accordingly. But the secret is L/C ratio. It takes awhile to get it right. Unfortunately, this radio had the mod with the lightbulb. That light warms things up inside and you can expect +/- 5 KHz over a 20 degree Fahrenheit temp change outdoors with the rig during field ops.

Hope this helps. You can get it fairly close knowing the

L/C ratio is the primary solution.

72/Ed we6w

--

72/Ed we6w; A-1 OP; SOC#63; QRPL#1068
http://www.qsl.net/we6w Santa Rosa, CA
QRP-Z#106 AR#112 HI#64 ARCI#9397 ARS#275 NC#2227

Date: Sat, 26 Feb 2000 15:50:07 -0800
From: dave.g0dja@psilink.co.uk (David J. Ackrill)
To: qrp-l@lehigh.edu
Subject: [64223] Re: KITS: NorCal Surface Mount Transceiver
Message-ID: <E120jSJ-0001oA-00@relay4.mail.uk.psi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I'm interested in the proposed kit, and think that 10M would be useful, especially if a 1mW output could be used to drive transverters for 50MHz or 144MHz etc.

However, one word of warning to fellow 'Brits' on the list. There's a law over here which prohibits the importing of single band equipment between, I think, 27 MHz and 29 MHz.

This law has been the subject of endless debate, as it also stops Hams modifying existing, but illegal in this country, CB equipment. (There is a legal CB service in the UK, and rigs have to have certain approvals to be sold).

The reason always given for stoping single band 10M equipment, like that proposed in the NorCal kit, is that it 'might' be retuned onto frequencies that are illegally used by some people.

The law has been in force for quite a few years now.

So, it might be worth checking that it wont be impounded at Customs if you order one from the UK.

Cheers de Dave (G0DJA)

Date: Sat, 26 Feb 2000 10:03:48 -0600

From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: QRP-L Distribute <qrp-l@Lehigh.EDU>
Subject: [64224] The ARMY Loop and Such
Message-ID: <005d01bf8073\$11fdbfe0\$af763ed8@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

I'm glad to hear the interest rise again in small transmitting loop antennas. The article regarding "The Army Loop" from the sixties that Ed found (<http://perso.wanadoo.fr/f5qz/pagham/downtoea.htm>) contains some good measured data and I'm glad he found it. I've looked for that article in the past and had never found it. I know that when I talk about my loops everyone takes my performance results with a "grain of salt" so it is nice to have some "official" confirmation.

I think these antennas are perfect for QRP operation. They fits the somewhat mistaken idea that if you operate QRP you should also use a small antenna. The opposite of course is usually true but small transmitting loops are small AND work well, even at very low heights (ref. the ARMY loop article). A small loop will never beat a full size dipole that is up a 1/4 wavelength or greater but it will certainly beat one when both antennas are mounted at 6 feet or less. This assumes the loop is built correctly of course. Before building one it is recommended that you understand its operation and all of the possible loss mechanisms.

I wouldn't recommend the original ARMY loop's feed arrangement though unless you just have more air-variable capacitors then you know what to do with and are a gluten for punishment. The more modern coupling loop is MUCH easier to construct and is most likely to be more efficient in a home-brew design. In such arrangement the main sources of loss will be in the one tuning capacitor (at the top) and in the loop conductor, both of which can be minimized. It is very easy to build an inefficient loop but with a little bit of effort an efficient loop can be made.

They do have one main disadvantage and that is they are very narrowbanded. If you move more then a few kHz you will have to retune the loop's capacitor. Remote control ability of the tuning capacitor is highly desirable. This high-Q can greatly enhance a simple receiver's performance though by providing good selectivity at the front-end.

I have posted regarding small loops several times before but in case you haven't seen it I have some of my loop information on the following page:

<http://home.swbell.net/aa5tb/loop.html>

73,
Steve Yates - AA5TB

Fort Worth, TX - EM12gs
http://home.swbell.net/aa5tb

Date: Sat, 26 Feb 2000 11:37:42 -0500
From: "Michael Bower - N4NMR" <bowerm@ix.netcom.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [64225] Re: heath paint
Message-ID: <037801bf8077\$d06f93a0\$0100a8c0@dadsmachine>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Les, when I was trying to repaint an HW-8, I was able to take a sample piece (cover from the matching PS) to my local Home Depot. They put my piece in their reader and came up with a perfect match. 0If you have something that has this same color that you can take to them they work wonders. the ONLY thing they couldn't "match" was the eggshell texture on the original.

Michael N4NMR

----- Original Message -----
From: <K4NK@aol.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Friday, February 25, 2000 9:47 PM
Subject: heath paint

> Hello Gang;
> I have seen ads for Heathkit Green paint before, But I have a HW-9 and the
> covers need repainting , anybody have a clue where I can get this heath
> brown? Thanks.
>
> Les K4NK
> ARCI Club Historian and Past President

Date: Sat, 26 Feb 2000 12:20:05 EST
From: KB8A0B@aol.com
To: qrp-1@lehigh.edu
Subject: [64226] West Virginia OTA QRP 20m

Message-ID: <4a.2198566.25e96545@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

QRP 14.045 West Virginia
100% QSL

1730 UTC 2/26/00 -> ?

Date: Sat, 26 Feb 2000 12:52:51 -0500
From: "Caitlyn M. Martin" <caitlyn@netferrets.net>
To: Carl Steckler <cjs9@cornell.edu>, qrp-1@lehigh.edu
Subject: [64227] Re: good cross needle meter for 6M?
Message-ID: <38B812F3.6AA4894F@netferrets.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Carl Steckler wrote:

> I am looking for a good RF/SWR cross needle meter for 6 meters. I ahve
> tried the MFJ (815B) meter and it made the SWR worse. Any suggestions?
> thanks

Hi, Carl,

I am using a Daiwa CN-101L, which I really like. It doesn't make the SWR go up, has a nice, large, lighted display, covers from HF through 2 meters, reads either average or peak power, and has 15, 150, and 1,500 watt scales. Since I mainly run QRP rigs, and all of 10 watts out of either of my six meter rigs, the 15 watt scale is very useful to me.

73,
Caity
KU4QD

Date: Sat, 26 Feb 2000 13:18:09 -0500
From: "Caitlyn M. Martin" <caitlyn@netferrets.net>
To: yaesu@qth.net, qrp-1@lehigh.edu
Subject: [64228] FT-7 WARC modification questions
Message-ID: <38B818E1.D7A0A917@netferrets.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi, everyone,

I've acquired a really ratty looking FT-7 from a local ham. Fortunately, the radio works very well, and I mainly intend on using it on 20m and perhaps 80m, where none of my other QRP toys go.

I remember reading somewhere that it wasn't difficult to change the 10 meter coverage to 12 meter coverage. Is that true? What, beyond changing a crystal and retuning, would I need to do? Do any of you have experience with doing this mod? Is switching 15 to 17 meters also possible?

Also, by any chance, does anyone have another FT-7 that isn't worth repairing, but has decent covers and/or a clean front panel? If so, please e-mail me, as that would probably be the easiest way for me to clean this one up.

Thanks and 72/73,
Caity
KU4QD

Date: Sat, 26 Feb 2000 13:36:12 -0500
From: "AI2Q Alex" <ai2q@ispchannel.com>
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [64229] More HBX-2Q transceiver notes
Message-ID: <000001bf8088\$5c544f40\$5c32a7d0@ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Having a blast here with my new HBX-2Q transceiver. Since my last "transmission" to the QRP-L thread, I've completed my homebrew 20 meter SSB and CW transceiver, and I'm pleased to say that after a number of trials and tribulations--it's now on the air!

I finished the 555-timer-based T/R circuitry a few days ago (sequential keying), and just added a sidetone oscillator and balanced modulator "un-balancer" pot (to get drive for CW).

The tally for semiconductors, aside from diodes, used in the little peanut whistle includes:

- 10 FETs
- 13 ICs
- 12 NPN bipolar xstrs, and
- 3 PNP bipolar xstrs.

The final is a VN66AF VMOS FET in a broadband circuit, and power output is about three watts across the band into 50 ohms (measured with a scope). I'm using a 145 -foot long doublet fed with balanced feeders. It's about 65 feet up.

The first QSO was on 20 fone with W4GXT in Raleigh, NC. Next was a FB SSB chat with KB9HNQ in Illinois, and then another with M0CTP in York, England. After getting over the excitement of running my first homebrew SSB QSOs, I QSYd to the low end to try CW.

To my astonishment, I discovered that I had forgotten to offset the transmitter. The station coming back to me was zero-beat! If I re-tuned to develop audio, I'd QSY out of his receiver! Adding another transistor switch keyed by the T/R circuits solved the problem; I now shift the VFO, and all's well with the world.

The first CW QSO--with the CW offset circuitry hanging on by a rat's nest of clip leads--was with WK0B in Fosston, Montana. Nice ragchew.

Since then I've worked K8JPM/mobile on CW (22 minute ragchew), W8ERN (SSB), KC0EHH (Colorado), NU7J (Washington), WA0YJE (Kansas; 1/2-hour CW chat), K8KVK (Ohio), KU4SN (SSB in today's North Carolina QSO party), W0UJ, and just logged a nice QSO with Igor, RU3CC in Moscow, Russia on 20 fone.

I'm in the process of annotating my schematics to reflect the changes I've made as this thing developed (before I forget!), and am doing that manually instead of with OrCAD as I usually do (my library of OrCAD parts doesn't include dual-gate MOSFETs and a few other junkbox devices that are in there).

I may get this whole shebang captured with MultiSim, the Electronics Workbench CAE package I've just installed on my boss's notebook, but in the meantime I shortly will be able to make available hand drawings for anyone interested in the circuitry. Once I get the time to get over to my friend's QTH and use his digital camera, I'll try to get some photos of the completed rig (front panel, metering, etc.) posted on the Web. The receiver boards are still at KA1AXY's site. Go to http://www.qsl.net/ka1axy/AI2Q/ai2q_20.htm to see the preliminary early photos of those circuit boards.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

Date: Sat, 26 Feb 2000 11:51:03 -0700
From: "John A. Evans - N0HJ" <jaevans@codenet.net>
To: qrp-1@lehigh.edu
Subject: [64230] Re: heath paint
Message-ID: <38B82096.376E028D@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings,

RE: Eggshell texture. I think you'll find you can do a good texture if you build a box with an open top and cover it with screen that has the small square grid spacing about 1/4" or so. Practice on scrap before you try the real thing, as direction, etc. will affect the outcome. Take an old toothbrush and dip it in the same color paint as the case you are refinishing. Scrape the toothbrush over the screen so that the paint on the toothbrush splatters onto the metal. Height of the screen above the object can vary the results, so practice on lotsa scrap. It also helps if the paint is a little thicker than what you use to spray the initial coat with.

72 - john - n0hj

Date: Sat, 26 Feb 2000 10:54:34 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [64231] Re: HW-8 Dial Alignment
Message-ID: <01bf808a\$ec75f9a0\$d6d3fc9e@ham.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Curt

Yes, I put a small L bracket of aluminum next to the tuning cap and mounted

a small good quality trimmer cap on it. Made a great difference in calibration ease.

73, Bob N6WG

Date: Sat, 26 Feb 2000 14:17:32 EST
From: Macstein@aol.com
To: n0rc@yahoo.com
Cc: elecrafft@qth.net, qrp-1@lehigh.edu
Subject: [64232] Re: 1730 PROGRESS REPORT reminder: 17m "get together" today
Message-ID: <9b.1f1ed6d.25e980cc@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 02/26/100 2:05:18 PM EST, n0rc@yahoo.com writes:

> Well I hear stations but they're about 2x2 or 3x3, I did hear KU4AF
> calling me but I don't think he heard me.

YES! He heard you but then you dropped back down in the noise. You came back up later too! I heard you maybe 2x2 talking to Diz and nf1x RI station. Diz was 5x5 here near Tampa, FL. I was cleaning out the garage at that point!

Earlier we had a solid roundtable KU4AF, NM5B, N0RC, KC8WR, W3KC, KZ1X all pretty solid copy with QSB taking Rod and John in and out. Two of them were QRO and the rest K2's. Rod and I had to hold on with our indoor dipoles!

That was a lot of fun, my second SSB QSO ever! It was interesting to put voices to the calls I've worked dozens of times CW.

We ought to make that a Saturday event!

-MAC-

Date: Sat, 26 Feb 2000 14:31:41 -0500
From: "AI2Q Alex" <ai2q@ispchannel.com>
To: <HWRM1SS@aol.com>
Cc: "QRP-L (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [64233] RE: More HBX-2Q transceiver notes
Message-ID: <000101bf8090\$1bf748a0\$5c32a7d0@ispchannel.com>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well Howard, as mentioned in previous emailings to the QRP-L group, this project started with a receiver design based on a Winter 1998 article in Communications Quarterly. The inspiration came from a successful build-up of Jim Kortge's popular 2N2/40 transceiver and prodding by AA1MI.

My HRX-2Q uses 99.9 percent Manhattan construction. I found that for my rendition, the original Comm Quart design required two additional IF amplifiers and a 723-based voltage regulator. I also added a workable AGC system (the one described in the CQ article didn't work at all for me) and an S-meter amplifier.

Once the receiver was working, I simply (ha!) added the requisite transmitter stages, using the same VFO for both to achieve single-knob transceive operation.

The transmitter required a speech amplifier (JFET and a 741 op-amp), a balanced modulator (uA1496 chip), and a DIP relay to route DSB into the receiver IF xtal filter in order to generate SSB (USB). Then I added another 1496 as a transmitter mixer (the bal. mod. has its own xtal-controlled LO), and then developed a pre-driver (2N5179), a broadband driver (2N3866), and a broadband PA (a VN66AF "VMOS" MOSFET).

Other additional circuitry required was T/R switching, VFO offset switching, PA metering, a CW drive system, a sidetone oscillator, and a receiver muting system.

I'd suggest collecting as many articles as you can, and study the techniques different builders use to implement these stages. Soon I'll have my schematics ready for anyone wanting to look at them for reference.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: HWRM1SS@aol.com [mailto:HWRM1SS@aol.com]
Sent: Saturday, February 26, 2000 2:12 PM
To: ai2q@ispchannel.com
Subject: Re: More HBX-2Q transceiver notes

Alex

I am most interested in this transceiver and would love the chance to duplicate your design efforts... How may I do this?
Howard K3HW

Date: Sat, 26 Feb 2000 13:37:07 -0500
From: "Terres Family" <terresfm@ncia.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [64234] fyi solder station on sale
Message-ID: <004101bf8088\$7cd67400\$9082f3ce@computer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

seems to be a weller soldering station on sale at radioshack.com
I don't know if this is a good price or not but looked like it might be.

<http://www.radioshack.com/ProductCatalogSubmit/Frames/?SKUString1=910&SKUString2=2469>
(if the link is not all on one line it seems not to work)

73/72
jerry aa1of
franconia nh

Date: Sat, 26 Feb 2000 12:41:43 -0700
From: "Rod, N0RC" <n0rc@yahoo.com>
To: <Macstein@aol.com>
Cc: <elecraft@qth.net>, <qrp-1@lehigh.edu>
Subject: [64235] Re: [Elecraft] Re: 1730 PROGRESS REPORT reminder: 17m "get together" today
Message-ID: <016601bf8091\$8c07d500\$b2101004@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Mac TNX for the note:

----- Original Message -----
From: <Macstein@aol.com>
To: <n0rc@yahoo.com>
Cc: <elecraft@qth.net>; <qrp-1@lehigh.edu>
Sent: Saturday, February 26, 2000 12:17 PM
Subject: [Elecraft] Re: 1730 PROGRESS REPORT reminder: 17m "get

together" today

> We ought to make that a Saturday event!

I'm game. Let's give it a try for a while & see how things work out.

Same time next week Sat 1700-1900z ?

72/3 Rod, NØRC -- Fort Collins, CO

Do You Yahoo!?

Talk to your friends online with Yahoo! Messenger.

<http://im.yahoo.com>

Date: Sat, 26 Feb 2000 13:55:12 -0600

From: "Cla KA0GKC" <ka0gkc@arrl.net>

To: "QRP-1" <qrp-1@lehigh.edu>

Subject: [64236] Help: Single Diode DC detector

Message-ID: <035501bf8093\$994444800\$0200000a@aplitech>

Hi Gang,

My memory need your help! There was a direct conversion receiver design published within the last decade that used, I believe, a single diode and a coil(transformer maybe) as the product detector. It was either a Russian design or based on one and I think the article was written by an east European Ham. The article talked of how well it worked because the VFO operated at either twice or half the receive frequency. I'm sure the article was in a Ham magazine or perhaps Nut's & Volts.

If this rings a bell for anyone, even a little, would you please email me with what you may know about this article?

Thanks and 73 de KA0GKC Claton Cadmus

ka0gkc@arrl.net

MNQRP #1

Minnesota QRP'ers we're looking for you!

Email me or visit this page <http://www.qsl.net/mnqrp>

Date: Sat, 26 Feb 2000 12:44:57 -0800 (PST)
From: Jim NOUR <n0ur@yahoo.com>
To: =?ISO-8859-1?Q?"MN=A0"?= QRP <mnqrp-1@qth.net>, QRP-L QRP-L <qrp-1@Lehigh.EDU>
Subject: [64237] FOX, Schedule change KQ5U/NOUR
Message-ID: <20000226204457.1080.qmail@web208.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Please make a note on your Fox schedule, March 3,0000Z
look for NOUR instead of KQ5U.

Look like it's another battle of the borders between
NQ9RP in WI and NOUR in MN (I still hate those
Packers)
next week.

Note the early start, 00:00Z. More details to follow.
Hope to work you ALL!!

Jim, NOUR

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Sat, 26 Feb 2000 12:57:09 -0800
From: "Alan Kaul" <alan.kaul@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [64238] ANTENNAS: Attn CALIFORNIA, VIRGINIA hams
Message-ID: <000d01bf809c\$0db54420\$2d11480c@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The ARRL reports that a California version of PRB-1 has been introduced in
the State Senate which is called SB-1714.

With the California legislative primary election a little more than a week
away, I'd suggest you query the candidates in your Senate and Assembly
districts and ask them if they support SB-1714 ----- and tell them you want
to know BEFORE deciding how you're going to vote.

The ARRL says a similar measure is pending before the Virginia Legislature as well -- although I do not know the particulars. I presume Virginia voters also have a Primary Election coming up this Spring.

The California measure includes language providing for antenna heights up to 200 feet -- though antennas in densely populated urban areas would be restricted to 75 feet.

With the election coming up soon, the candidates are more likely to be receptive now than they will after November!

72/73 de alan

Alan Kaul, W6RCL, LaCanada, CA
w6rcl@amsat.org , <http://home.att.net/~alan.kaul/index.html>

Date: Sat, 26 Feb 2000 14:25:28 -0700
From: Larry East <w1hue@amsat.org>
To: qrp-1@lehigh.edu
Subject: [64239] Free ICs
Message-ID: <3.0.5.32.20000226142528.0097dd00@mail.ida.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Anyone have a use for a bunch of SN7274N IC'? (Gated JK Flip-Flop with Clear and Preset.) I have a bag of 'em (>50) that anyone can have just for the cost of postage. (If more than one person is interested, I can divide 'em up.)

Larry W1HUE
w1hue@arrl.net

Date: Sat, 26 Feb 2000 15:27:32 -0600
From: "Michael Young" <mikey@mcs.com>
To: <dave.g0dja@psilink.co.uk>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [64240] Re: KITS: NorCal Surface Mount Transceiver
Message-ID: <006201bf80a0\$4b1cbb00\$7004a2c6@fensoft.com>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Not trying to be "smart" about this, but do kits qualify as "single band equipment" under that ban?

Michael.
K9ZC

----- Original Message -----

From: David J. Ackrill <dave.g0dja@psilink.co.uk>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Saturday, February 26, 2000 5:50 PM
Subject: Re: KITS: NorCal Surface Mount Transceiver

> I'm interested in the proposed kit, and think that 10M would be useful,
> especially if a 1mW output could be used to drive transverters for 50MHz
or
> 144MHz etc.
>
> However, one word of warning to fellow 'Brits' on the list. There's a law
> over here which prohibits the importing of single band equipment between,
I
> think, 27 MHz and 29 MHz.
>
> This law has been the subject of endless debate, as it also stops Hams
> modifying existing, but illegal in this country, CB equipment. (There is a
> legal CB service in the UK, and rigs have to have certain approvals to be
sold).
>
> The reason always given for stoping single band 10M equipment, like that
> proposed in the NorCal kit, is that it 'might' be retuned onto frequencies
> that are illegally used by some people.
>
> The law has been in force for quite a few years now.
>
> So, it might be worth checking that it wont be impounded at Customs if you
> order one from the UK.
>
> Cheers de Dave (G0DJA)
>

Date: Sat, 26 Feb 2000 16:33:33 EST

From: KB0R@aol.com
To: qrp-1@lehigh.edu
Subject: [64241] QRP-L NUMBER
Message-ID: <9a.19492ae.25e9a0ad@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I did at one time sign up for a number. Now I need it so I can talk to my friend the fox. How do I retrieve my number?

73,
Larry

Date: Sat, 26 Feb 2000 11:40:43 -0500
From: Larry Braden <lbraden@home.com>
To: qrp-1@Lehigh.EDU
Message-ID: <00022611464300.02461@cc674420-b.catv1.md.home.com>
Content-Type: text/plain
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

Hello all!

Just a note to let you all know that I won the VII Palm Pilot from Newark Electronics by registering on their webpage. Picking up my prize and a nice wall plaque, I met everyone in the Baltimore area sales office-- pretty nice group of friendly folks.

Seems like the palm pilots might could be used to run packet, or better, used to tune one of those RF synthesizer chips in a QRP rig. Does anyone know of any good uses for these devices for hamradio?

73 to all,

Larry

--
//-----
Larry Braden KC5CWG FM19
Catonsville, Maryland

Date: Sat, 26 Feb 2000 16:56:12 -0500

Found out today that RS has its LCD RF Frequency Counter on sale. Normally it is \$80 but now it is \$60. Catalog number is 22-306. Don't know how long the sale is.

Michael N4NMR

Thanks to all who responded about a tuner for QRP. Most of the suggestions were for the MFJ. Now, if anyone want to see a tuner (g).

Baltimore - A link to The City - visit us for Postcards, Home Page Registry and much more.
Baltimore Press - Smaller, Smarter, Better

I have a furnace with on of those damnable electronic ignitions. It acts as a wonderful spark-gap transmitter. Tried bypassing the thermostat leads with caps ... that took it down several notches. But, wondering what I might do about the ignitor itself ... appears that when the thermostat calls for heat, the control opens the gas line ... and sets off a big arc.

73
thom -k3hın

Baltimore - A link to The City - visit us for Postcards, Home Page Registry and much more.
Baltimore Press - Smaller, Smarter, Better

Y2K has started out good to me, 25 Jan, passed extra, on 3 Feb, had eye surgery.
Eye surgery was a success, so built Tuner Tin, after some trouble shooting and help from N5UW, Cliff. The Tuna Tin lives. Now I have the confidence to look forward

to the Nor Cal project in the (ugh) pipeline.

73 de Mel

Date: Sat, 26 Feb 2000 17:23:08 EST
From: J38AL@aol.com
To: qrp-l@lehigh.edu
Subject: [64247] WTB HW-9 small knob
Message-ID: <36.29b3a13.25e9ac4c@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hello,

I am in need of one small knob for a HW-9 that I recently purchased. If you can help, please email me at J38al@aol.com.

Thanks & 73, Al N2ZHS Scotia, NY

Date: Sat, 26 Feb 2000 17:27:51 EST
From: REDSBOY@aol.com
To: qrp-l@lehigh.edu
Subject: [64248] Lighted magnifier steal
Message-ID: <11.1686c30.25e9ad67@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I just ordered two sets of "headband" magnifying "glasses." Excuse the quotes, but I don't know what to call them. They have four different magnifying powers and you wear them on your head (where else?) while you work. They can be flipped up, and can be worn with your regular glasses. (You do wear regular glasses, don't you?)

But the big thing is that they have little focused flashlights on each side to illuminate your work while you play with the innards of that tiny QRP rig. You can see them at: http://members.aol.com/ettored/magnifiers.htm . Notice the price! \$18.99 >>BUT<< when you call them at this toll free number (1 877 335-7699) tell the nice lady you saw their ad on E-Bay and you get them for \$14.95. She will laugh, but she will give you the "good" price. It costs \$4 to ship them priority mail, but you can get two pair sent for the same shipping price.

If you don't want the lighted ones, they have the unlighted for \$9.99. I
DON'T KNOW HOW MUCH THESE ARE ON E-BAY!

Anyway, if you don't like them, don't blame me. And in the meantime, I am not
connected, etc. etc. etc.

Karl - W4UTI
QRP-L #1097

Date: Sat, 26 Feb 2000 17:28:40 EST
From: J38AL@aol.com
To: qrp-l@lehigh.edu
Subject: [64249] help needed to find part GM-10 project
Message-ID: <71.12ca2d2.25e9ad98@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hello,

I need to find a 5K pot with center detent. I checked my "junk box" (it's the
whole basement) and found some detented pots in the front panel of an old VCR
but no 5K ones. Where can I buy these ?

Thanks much,
73, Al N2ZHS
Scotia, NY

Date: Sat, 26 Feb 2000 17:45:37 -0500
From: billrobb@net-link.net
To: qrp-l@Lehigh.EDU
Subject: [64250] WTB: HW-8 Part
Message-ID: <3.0.6.32.20000226174537.007b3be0@POP3.net-link.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I just received an HW-8 with a missing front
band-change button.

Does anyone have one to spare??

Tnx de Bill

Date: Sat, 26 Feb 2000 17:51:50 EST
From: RAWSONDM@cs.com
To: qrp-1@lehigh.edu
Subject: [64251] K2#300 Working at last!
Message-ID: <a4.12427d0.25e9b306@cs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

K2 Number 300 is on the air! Dieter, WB8QYY was kind enough to take most of day to find all my stupid mistakes and correct them. Worked ON5NO on 10 meters from his QTH this morning. This radio is great! Dieter's not so bad either!

Dave Rawson
KB8RRG

Date: Sat, 26 Feb 2000 18:05:46 EST
From: Macstein@aol.com
To: qrp-1@lehigh.edu
Subject: [64252] [OT] 465b Scope Manual
Message-ID: <a8.1ce7f87.25e9b64a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Does anyone have an extra copy or original Service Manual for the Tek 465b O'scope? I absolutely _HATE_ bidding on these things, and I'm aware of the W7FG Vintage Manuals site (\$50.00 + shipping!!!!) I'm just trying to save pennies for the K2 ATU! Please reply off list.

-MAC-
AF4PS

Date: Sat, 26 Feb 2000 18:39:55 EST
From: K1DXradio@aol.com
To: qrp-1@lehigh.edu
Subject: [64253] Re: heath paint
Message-ID: <96.194564c.25e9be4b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In most cases, the paint is only marred on the surface. I restore the finish by dusting the covers with clear low-lustre (or semi-gloss) spray (Wallmart 99 cent stuff). It works perfectly. However, if you have scratches down to the aluminum, a complete repaint or touchup is needed. For touchup, I use acrylic craft paint and mix a close match. Then, I use a toothpick to put the paint over the scratches. Then, dust with clear spray. Works for me!

72 - George - K1DX

Date: Sat, 26 Feb 2000 15:38:53 -0800
From: Bill Jones <kd7s@psnw.com>
To: qrp-l@lehigh.edu
Subject: [64254] W1FB QSO
Message-ID: <38B8640D.BCAF370E@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I just had the honor of working Zack at the helm of W1FB on 20 meters.
What a joy it was to hear that call again and to work Zack at the same time. Life is good.

2330Z on 14.060 on Saturday, February 26, 2000.

--
=====
Bill Jones - KD7S - <><
Sanger, California
<http://www.psnw.com/~kd7s>
=====

Date: Sat, 26 Feb 2000 17:46:22 -0600
From: Goemans <jgoemans@facstaff.wisc.edu>
To: qrp-l@lehigh.edu
Subject: [64255] W1FB on 40 mtrs
Message-ID: <3.0.2.32.20000226174622.006b1628@facstaff.wisc.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi all,

Yes way cool to hear W1FB work W1CKK Lila, on 40 mtrs. Both stns were easy copy in Wi. Lila didn't sound QRP, but big deal. I did get thru the throngs to work Dave at the key (K1ZZ)...

72, Paul

Paul Goemans WA9PWP
1508 Sundt Lane Stoughton, Wi 53589
wa9pwp@arrl.net

Date: Sat, 26 Feb 2000 17:39:51 -0800
From: Dick Carroll <dixie@townsqsr.com>
To: billrobb@net-link.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [64256] Re: WTB: HW-8 Part
Message-ID: <38B88067.A8C25746@townsqsr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have just been informed by Mike Dinelli, N9BOR that the information on HW9 paint that I gave off the can earlier is no longer valid, and by Mike Melland, W9WIS that R&R has gone out of business. Now the HW9 paint (and possibly others) can be obtained from:

ALO'S Radio Restoration
18 E. 10th Ave
Hutchinson, Ks 67501
1-800-372-4287 - orders only please
1-316-662-1370 - all other inquiries

Thanks, Mike and Mike.

73, Dick W0EX

End of QRP-L Digest 1743

